

HISTORIC AMERICAN ENGINEERING RECORD

HAER  
WASH.  
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Index to Photographs

**Cushman No. 1 Hydroelectric Power Plant, Spillway**

HAER No. WA-26-A

Spanning the North Fork of the Skokomish River,  
approximately 5 miles west of Hood Canal  
Hoodsport Vicinity  
Mason County  
Washington

NOTE: Photographs (perspective and contextual views) were taken by Leonard A. Whitney, photographer, August 1989

- WA-26-A-1 VIEW OF SPILLWAY FROM RESERVOIR EDGE, FACING SOUTH (DOWNSTREAM)
- WA-26-A-2 VIEW OF DOWNSTREAM END OF SPILLWAY CHUTE FROM SOUTH SIDE OF PLUNGE POOL, FACING NORTHWEST. CUTOFF WALL AND RETAINING WALL (ON EAST SIDE OF CHUTE) VISIBLE ABOVE WATER LEVEL
- WA-26-A-3 VIEW OF SPILLWAY CREST FROM RETAINING WALL ON EAST SIDE, FACING WEST
- WA-26-A-4 VIEW OF SPILLWAY CHUTE FROM RETAINING WALL ON EAST SIDE, FACING SOUTHWEST
- WA-26-A-5 VIEW OF DOWNSTREAM END OF SPILLWAY CHUTE FROM SOUTH SIDE OF PLUNGE POOL, FACING NORTH (UPSTREAM)

The following are photocopies of historic photographs. Original prints are located at City of Tacoma, Department of Public Utilities, Light Division, Tacoma, Washington. Photographers are unknown.

- WA-26-A-6 VIEW OF CONSTRUCTION PLANT AND EXCAVATION FOR CUTOFF TRENCH FROM EAST SIDE OF APRON EXCAVATION, FACING WEST. October 1926
- WA-26-A-7 VIEW OF POURING UPSTREAM PORTION OF SPILLWAY APRON FROM WEST SIDE OF APRON, FACING EAST. April 1927
- WA-26-A-8 VIEW OF FILLING AND PLANKING LOG CRIB DAM FROM EASTERN EXTENT OF DAM, FACING WEST. December 1926
- WA-26-A-9 VIEW OF COMPLETED SPILLWAY CREST WITH WATER AT ELEVATION 731.9 FROM NORTHEAST SIDE OF STRUCTURE, FACING SOUTHWEST. June 1927
- WA-26-A-10 VIEW OF LOG CRIB DAM DURING DISCHARGE FROM EASTERN EXTENT OF DAM, FACING WEST. November 1927

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- WA-26-A-11 VIEW OF PLACING STEEL FOR POURING OF FIRST SLABS OF SPILLWAY CHUTE FROM VICINITY OF WESTERN SIDE OF SPILLWAY APRON, FACING SOUTH. September 1928
- WA-26-A-12 VIEW OF SPILLWAY CHUTE AND POURING OF CENTRAL SLABS FROM EAST BANK, FACING SOUTHWEST. ALSO SHOWS FORMS FOR POURING OF RETAINING WALLS. October 1928
- WA-26-A-13 VIEW OF DISCHARGE OVER SPILLWAY AT DOWNSTREAM END FROM BANK ON EAST SIDE, FACING NORTHWEST. March 1931
- WA-26-A-14 VIEW OF DISCHARGE OVER SPILLWAY CREST FROM WEST RETAINING WALL, FACING EAST. WATER ELEVATION MEASURED 4.8 FEET ABOVE CREST. December 1933
- WA-24-A-15 VIEW OF DISCHARGE THROUGH SPILLWAY CHUTE FROM WEST RETAINING WALL, FACING SOUTH. STANDING WAVES ARE VISIBLE. WATER ELEVATION MEASURED 4.8 FEET ABOVE CREST. December 1933
- WA-24-A-16 VIEW OF ROAD ACROSS TRESTLE BRIDGE AT SPILLWAY CREST FROM WEST BANK, FACING EAST. FLASHBOARDS ARE IN PLACE. June 1980
- WA-26-A-17 VIEW OF FLASHBOARDS AT SPILLWAY CREST WITH WATER RETAINED BEHIND FLASHBOARDS FROM EAST RETAINING WALL, FACING WEST. TRESTLE BRIDGE ALSO IS VIABLE. June 1980

The following are photocopies of engineering drawings. Original drawings are located at City of Tacoma, Department of Public Utilities, Light Division, Tacoma, Washington:

- WA-26-A-18 CUSHMAN DAM SPILLWAY - CONCRETE DETAILS. September 1926  
Revised in June 1980. Reference No. BA-054
- WA-26-A-19 CUSHMAN DAM SPILLWAY - FLASHBOARD SOCKETS. March 1927  
Reference No. BA-056
- WA-26-A-20 SPILLWAY EXTENSION DETAILS. May 1928  
Revised in August 1928, September 1928, June 1980.  
Reference No. BA-058
- WA-26-A-21 SPILLWAY OVERFLOW CHANNEL PLAN AND LONGITUDINAL SECTION.  
May 1928. Revised in December 1930, June 1980.  
Reference No. BA-058
- WA-26-A-22 CUSHMAN SPILLWAY NO. 1 BRIDGE AND FISH SCREEN. October 1931  
Reference No. BA-074

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WA-26-A-23 SPILLWAY NO. 1 - LOWER END TOPOGRAPHY AND SECTIONS.  
February 1934. Reference BS-150.

WA-26-A-24 CUSHMAN #1 CONCRETE SPILLWAY RAMPS PLAN AND DETAILS.  
January 1931. Revised in June 1931. Reference No. BA-081

WA-26-A-25 SPILLWAY DISCHARGE DATA. CURVE NO. 1 AND NO. 2. April 1928  
Reference No. BT-108.1

WA-26-A-26 SPILLWAY DISCHARGE DATA. CURVE NO. 3 AND NO. 4. April 1928  
Reference No. 108.2

WA-26-A-27 CUSHMAN POWER PLANT NO. 1, WATER CURVE - SPILLWAY OVERFLOW  
CHANNEL. July 1928. Reference BT-109

WA-26-A-28 SPILLWAY RATING CURVE. April 1931. Reference No. BT-129

WA-26-A-29 SPILLWAY RATING CURVE. April 1931. Reference No. BT-129.1